

FIGURE 1
(PRIOR ART)

2025-09-26

100230650-050201

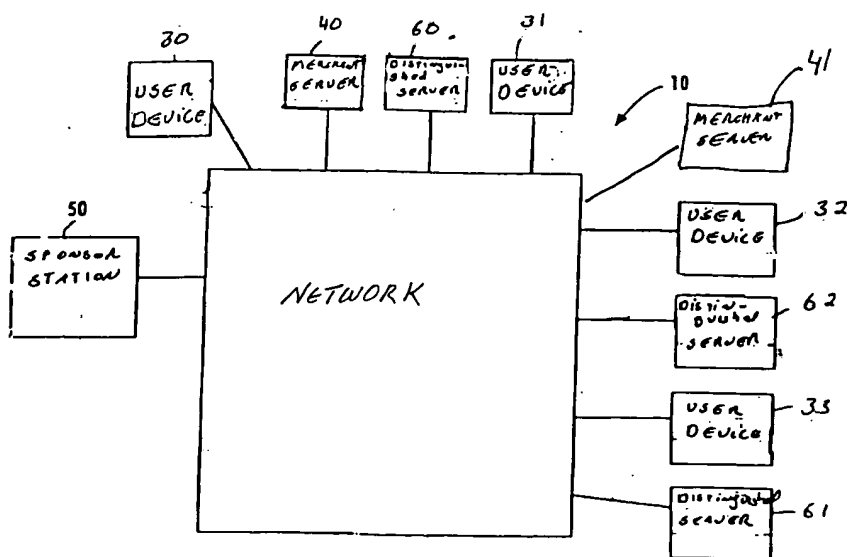


FIGURE 3

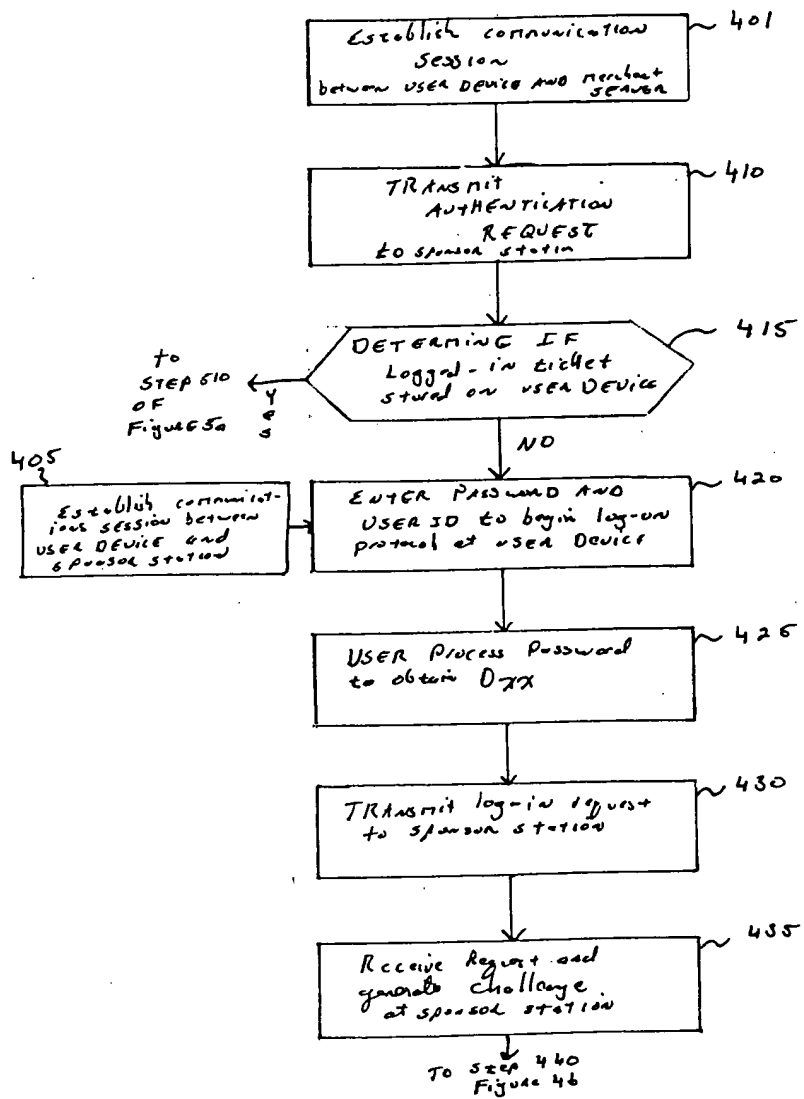


FIGURE 4A

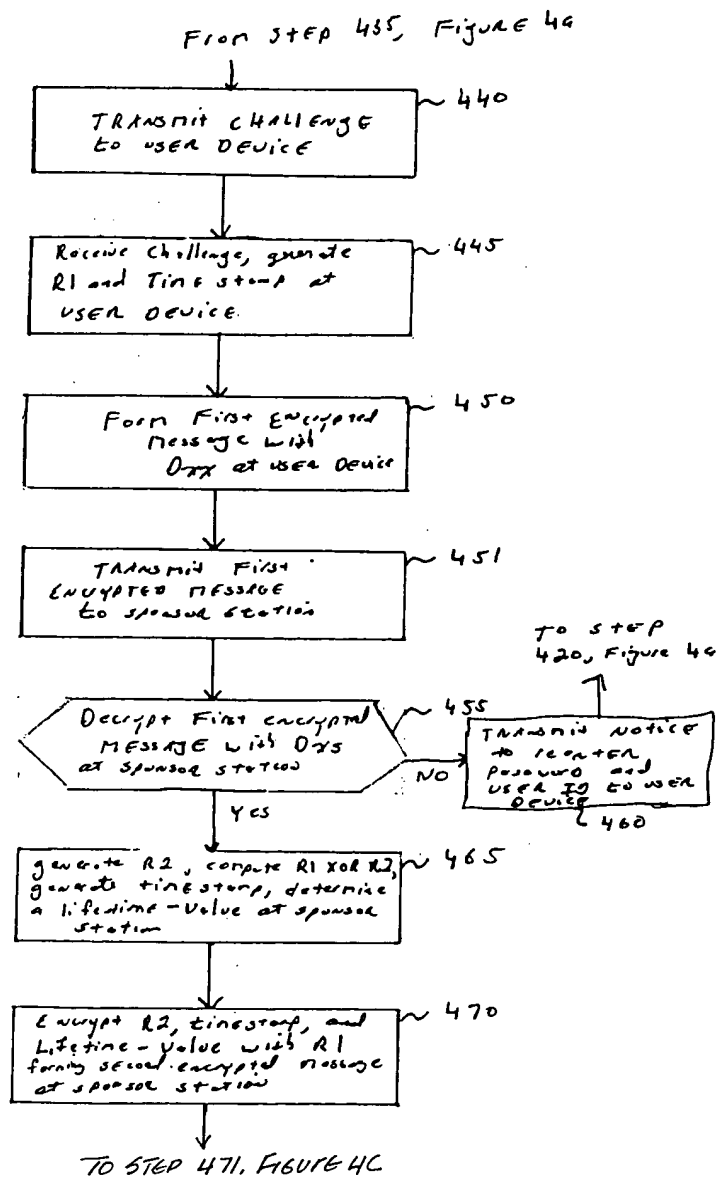


FIGURE 4B

From step 470, Figure 4b

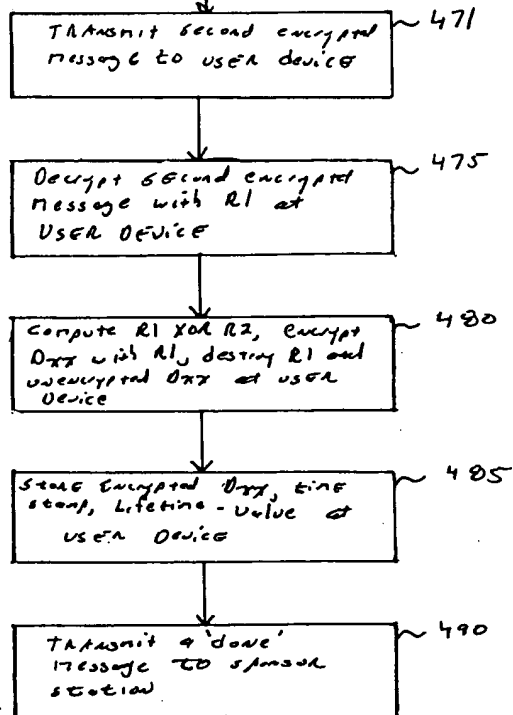


FIGURE 4C

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graph TD; 510[TRANSMIT authorization Request to sponsor station] --> 515[Process received Message to authenticate user]; 515 --> 516[Generate and transmit acknowledgement message to user device]; 516 --> 520[Process received acknowledgement message to authenticate sponsor station, Encode 36 byte hash]; 520 --> 525[Encrypt a timestamp and Encoded 36 byte hash with K12 and transmit to sponsor station]; 525 --> 530[Decrypt received encoded 36 byte hash and timestamp using K12 at sponsor station]; 530 --> 535[Sign encoded 36 byte hash with DKS];
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510 TRANSMIT authorization Request to sponsor station

515 Process received Message to authenticate user

516 Generate and transmit acknowledgement message to user device

520 Process received acknowledgement message to authenticate sponsor station, Encode 36 byte hash

525 Encrypt a timestamp and Encoded 36 byte hash with K12 and transmit to sponsor station

530 Decrypt received encoded 36 byte hash and timestamp using K12 at sponsor station

535 Sign encoded 36 byte hash with DKS

FIGURE 5A

FROM STEP 535, FIGURE 5A

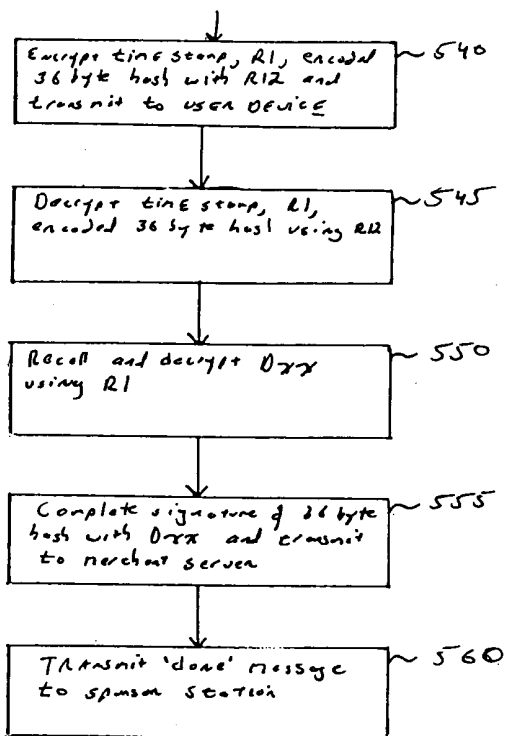


FIGURE 5b

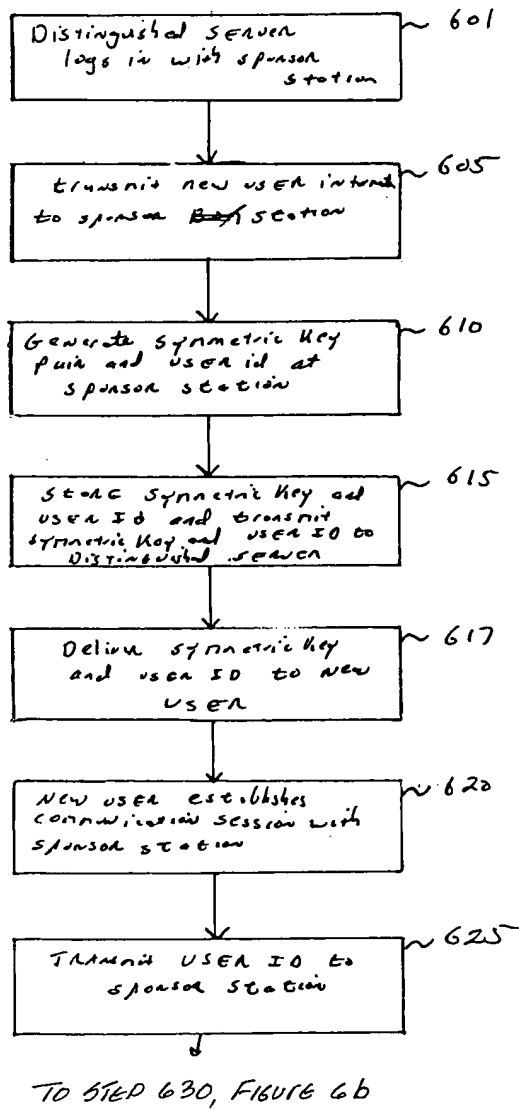
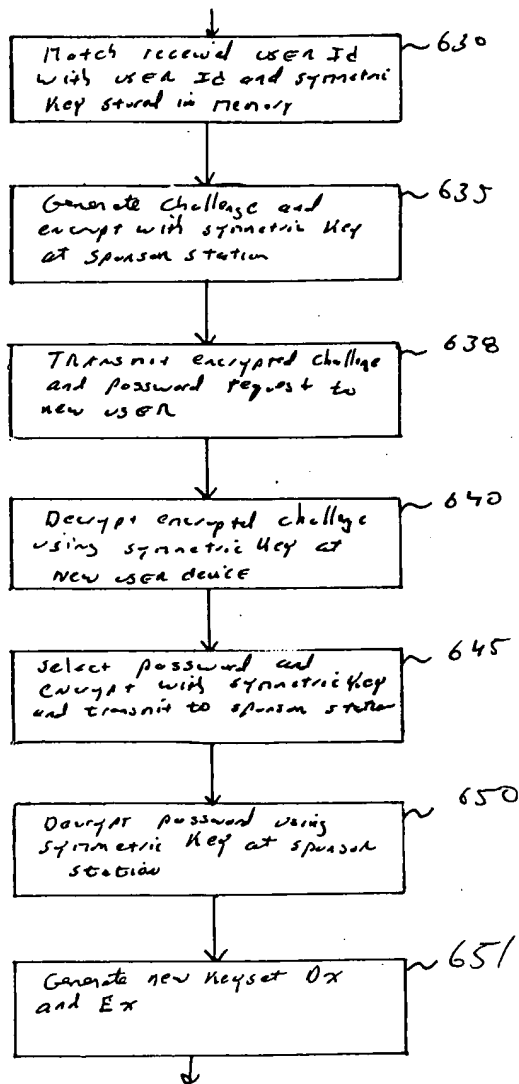


FIGURE 6A

FROM STEP 625, Figure 6a



TO STEP 655, FIGURE 6c

FIGURE 6b

2025-03-06 10:00:00

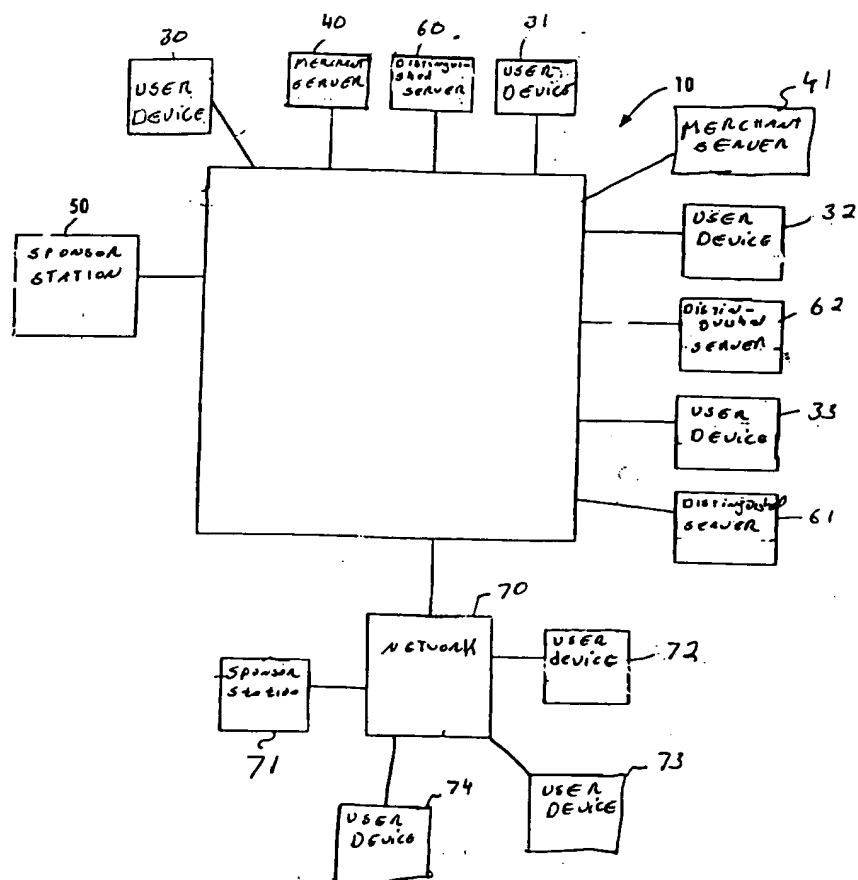


FIGURE 7

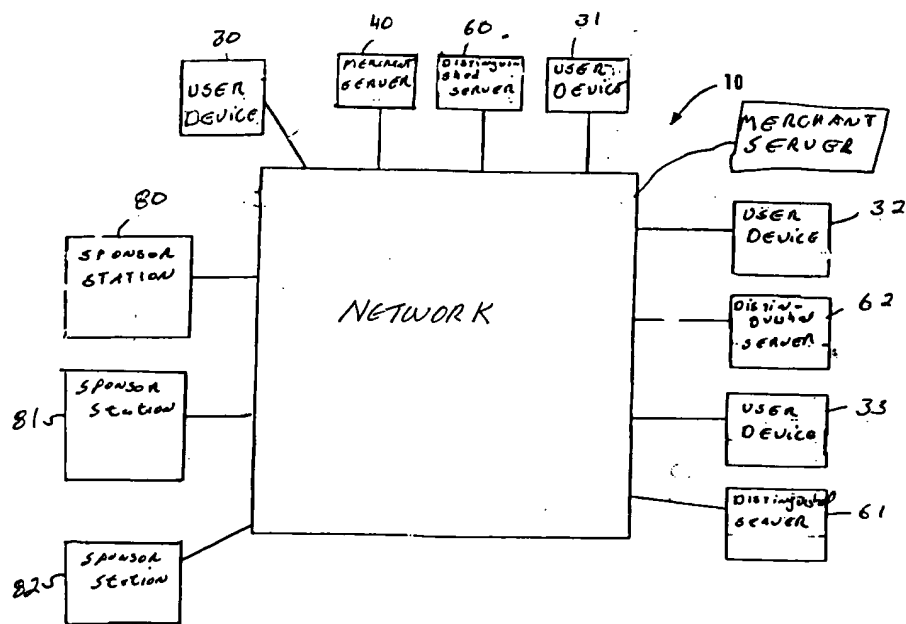


FIGURE 8

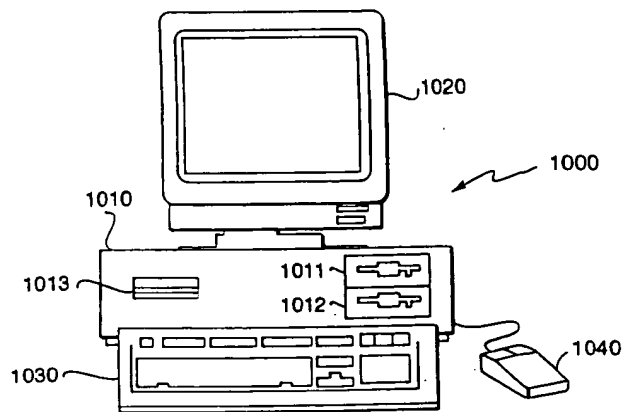


FIG. 9

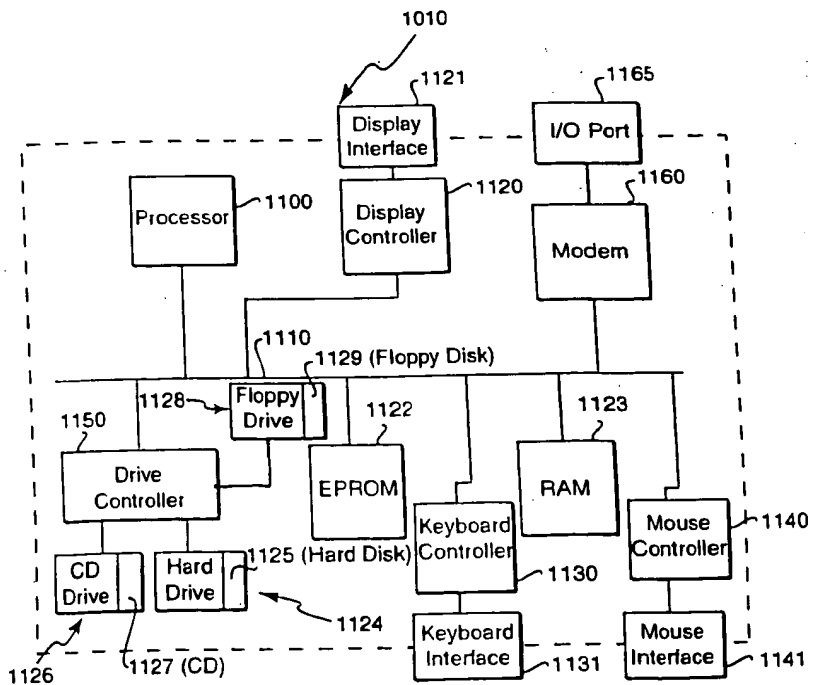


FIGURE 10

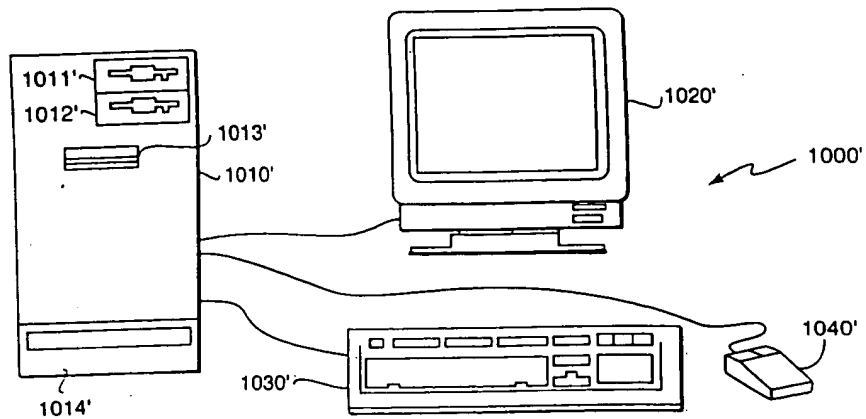


FIG. 11A

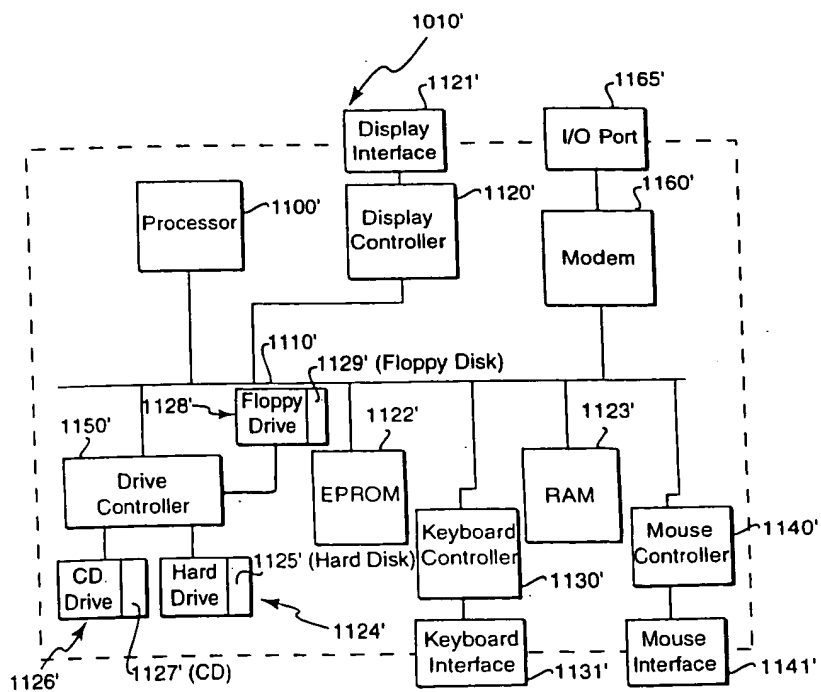


FIGURE 11B